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TITLE: Magnetic head and method of manufacturing magnetic head

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Detailed Description Text - DETX (12):

The thin DLC film 19 is more favorable than the other thin films because it has the hardness and the thermal conductivity higher than the hardnesses and the thermal conductivities of the other thin films. FIG. 4 is a view showing the wear resistance of the thin DLC film in comparison with that of the thin AlO.sub.x film 14 forming the insulating layer (14). As indicated in FIG. 4, the thin DLC film has a wear resistance higher than the thin AlO.sub.x film 14. In addition to the thin DLC film, the aluminum nitride thin film, the silicon nitride thin film, and the silicon carbide thin film can be preferably used as the material of the coating layer 19.

L Number	Hits	Search Text	DB	Time stamp
-	9470	(black adj carbon) or dlc	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 10:42
-	786	(insulat\$5 or interlayer or (inter adj layer)) same ((black adj carbon) or dlc)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 10:43
-	36	349/\$ and ((insulat\$5 or interlayer or (inter adj layer)) same ((black adj carbon) or dlc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 10:48
-	375740	(thin adj film) or tft	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 11:08
-	622	((black adj carbon) or dlc) same ((thin adj film) or tft)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 11:08
-	120	((black adj carbon) or dlc) same ((thin adj film) or tft)) same ((insulat\$5 or interlayer or (inter adj layer)) same ((black adj carbon) or dlc))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/11/29 12:34